

Serial No. 09/722,991

Amendment dated May 5, 2004

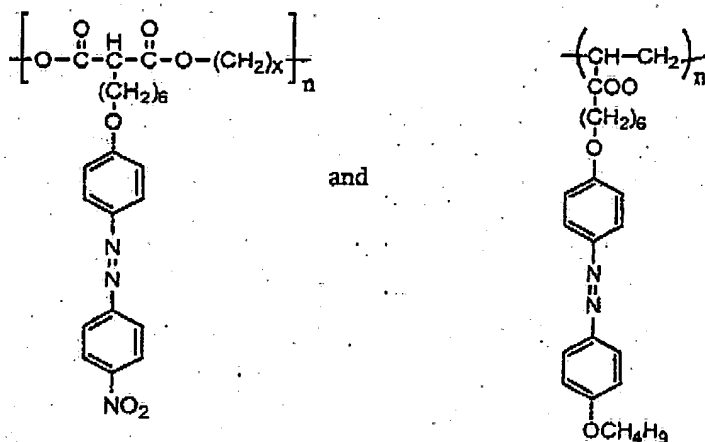
Reply to Office action of April 15, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims

1. (Previously presented) An optical compensation film for a liquid crystal display comprising a polymer capable of producing light induced anisotropy characterized in that the polymer has a controlled in-plane and out-of-plane optical retardation, wherein the polymer is selected from the group consisting of polymers represented by the formulae:



and mixtures thereof, wherein x is a number between about 4 and about 16, and wherein each n is independently a number from about 10 to about 1000.

2. (Cancelled)
3. (Original) The optical compensation film of claim 1, wherein the polymer has been irradiated with light that is at least one of linearly polarized light, elliptically polarized light, circularly polarized light, partially polarized light, and non-polarized light.
4. (Cancelled)

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5. (Original) The optical compensation film of claim 1, wherein the polymer has been irradiated a plurality of times and wherein the light on subsequent irradiations has at least one of a different polarization and a different angle with respect to a plane formed by the film.
6. (Cancelled)
7. (Original) The optical compensation film of claim 1, wherein the film is a plane and has a biaxial structure, and the film has optical axes that are each one of oriented to the plane in one of lying in the plane of the film, perpendicular to the plane of the film, tilted to the plane of the film, and changing across the film, and wherein the optical axes are oriented different from each other.
8. (Original) A liquid crystal display comprising two opposed substrates, electrodes disposed on facing sides of the two opposed substrates, the optical compensation film of claim 1 disposed on at least one of the electrodes, and a liquid crystal disposed between the substrates.
9. (Cancelled)
10. (Cancelled)
11. (Cancelled)
12. (Cancelled)
13. (Cancelled)
14. (Cancelled)

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15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

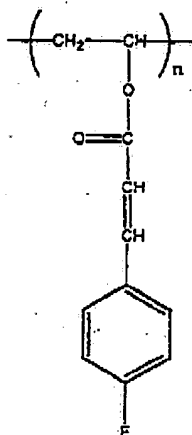
18. (Cancelled)

19. (Cancelled)

20. (Cancelled)

21. (Previously presented) The optical compensation film of claim 1, wherein the compensation film is selected from the group consisting of a negative A film, a positive A film, a positive C film and a positive O film.

22. (Previously presented) An optical compensation film for a liquid crystal display comprising a polymer capable of producing light induced anisotropy characterized in that the polymer has a controlled in-plane and out-of-plane optical retardation, wherein the polymer is selected from the group consisting of polymers represented by the formulae:



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wherein n is a number from about 10 to about 1000.

23. (Cancelled)
24. (Previously presented) The optical compensation film of claim 22, wherein the polymer has been irradiated with light that is at least one of linearly polarized light, elliptically polarized light, circularly polarized light, partially polarized light, and non-polarized light.
25. (Previously presented) The optical compensation film of claim 22, wherein the polymer has been irradiated a plurality of times and wherein the light on subsequent irradiations has at least one of a different polarization and a different angle with respect to a plane formed by the film.
26. (Cancelled)
27. (Previously presented) The optical compensation film of claim 22, wherein the film is a plane and has a biaxial structure, and the film has optical axes that are each one of oriented to the plane in one of lying in the plane of the film, perpendicular to the plane of the film, tilted to the plane of the film, and changing across the film, and wherein the optical axes are oriented different from each other.
28. (Previously presented) A liquid crystal display comprising two opposed substrates, electrodes disposed on facing sides of the two opposed substrates, the optical compensation film of claim 22 disposed on at least one of the electrodes, and a liquid crystal disposed between the substrates.
29. (Cancelled)